

Listing of Claims

A<sup>1</sup>

1. (currently amended) A wireless piconet device, comprising:  
a piconet front end;  
a piconet connection acceptable quality determiner; and  
a user link acceptable quality indicator;  
wherein said piconet connection acceptable quality determiner  
determines a condition of an acceptable level at least one aspect relating to a  
quality of connection achieved through said piconet front end, and ~~controls~~  
activates said user link acceptable quality indicator based on ~~said determined at~~  
~~least one aspect~~ a presence of said condition of said acceptable level.

2. (original) The wireless piconet device according to claim 1,  
wherein:

said piconet front end conforms to BLUETOOTH standards.

3. (currently amended) The wireless piconet device according to  
claim 1, wherein:

said user link acceptable quality indicator indicates audibly.

4. (currently amended) The wireless piconet device according to  
claim 1, wherein:

said user link acceptable quality indicator indicates visibly.

5. (currently amended) The wireless piconet device according to  
claim 4, wherein said visible user link acceptable quality indicator comprises:

an LED.

6. (currently amended) The wireless piconet device according to claim 4, wherein said visible user link acceptable quality indicator comprises:  
a graphical display.

7. (currently amended) A method of optimizing link quality of a wireless piconet device to a user, comprising:

firstly determining an acceptable level of at least one aspect of a link quality of a wireless connection to a short range network; and

providing a first indication of compliance to said acceptable level of said at least one aspect of said link quality, to said user;

wherein said acceptable level of said at least one aspect is based on a minimum desired communications quality.

8. (currently amended) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, further comprising:

allowing said user to physically move said wireless piconet device;

secondly determining said acceptable level of said at least one aspect of said link quality; and

providing a second indication of compliance to said acceptable level of said at least one aspect of said link quality, to said user.

9. (currently amended) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein said firstly determining comprises:

generating a Read\_RSSI command; and

retrieving an RSSI value returned in response to said generated Read\_RSSI command.

10. (currently amended) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein said firstly determining comprises:

generating a Get\_Link\_Quality command; and

retrieving a link quality value returned in response to said generated Get\_Link\_Quality command.

A1  
11. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:  
said wireless connection is a piconet connection.

12. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:  
said wireless connection is a scatternet connection.

13. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:  
said indication is audible.

14. (original) The method of optimizing link quality of a wireless piconet device to a user in accordance with claim 7, wherein:  
said indication is visible.

15. (canceled)

16. (currently amended) Apparatus for optimizing link quality of a wireless piconet device to a user, comprising:

means for firstly determining an acceptable level of at least one aspect of a link quality of a wireless connection to a short range network; and

means for providing a first indication of compliance to said acceptable level of said at least one aspect of said link quality to said user;

wherein said acceptable level of said at least one aspect is based on a minimum desired communications quality.

A1

17. (currently amended) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, further comprising:

means for allowing said user to physically move said wireless piconet device;

means for secondly determining said acceptable level of said at least one aspect of said link quality; and

means for providing a second indication of compliance to said acceptable level of said at least one aspect of said link quality, to said user.

18. (currently amended) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein said means for firstly determining comprises:

means for generating a Read\_RSSI command; and

means for retrieving an RSSI value returned in response to said generated Read\_RSSI command.

19. (currently amended) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein said means for firstly determining comprises:

means for generating a Get\_Link\_Quality command; and

means for retrieving a link quality value returned in response to said generated Get\_Link\_Quality command.

20. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:  
said wireless connection is a piconet connection.

A /  
21. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:  
said wireless connection is a scatternet connection.

22. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:  
said indication is audible.

23. (original) The apparatus for optimizing link quality of a wireless piconet device to a user in accordance with claim 16, wherein:  
said indication is visible.

24. (canceled)

---